

Length word problems (metric)

Grade 4 Word Problems Worksheet

1. The building of the city hall is 16 m tall. On top of the building, there is a flagpole of 2 m. What is the distance between the top of the flagpole and the ground?

2. Some workers are paving a dirt road. The dirt road is 169 m long and the workers finished paving 105 m of the dirt road. What is the length of the section of the dirt road that is not paved?

3. The average height of a baby giraffe is 180 cm. The average height of a grown giraffe can be 3.2 m taller than a baby giraffe. What is the average height (measured in meter) of a grown giraffe?



Learning	
4.	Katie has 4 pieces of ribbon that is 50 cm long each. How much ribbon does she has in total?
5.	Josh is building a fence around the farm. The total length of the fence is 48 m. If he can finish building 8 m of fence in a day, how long will it take him to finish the fence?
6.	The distance between the school entrance to the library is 4.5 m and the distance between the school entrance to the school office is 288 cm. Is the school entrance closer to the library or the school office?



Answers

- 1. 16 + 2 = 18The distance between the top of the flagpole and ground is 18 m.
- 2. 169 105 = 64The section of the dirt road that is not paved yet is 64 m long.
- 3. 180 + 320 = 500 500 cm = 5 mThe average height of a grown giraffe is 5 m.
- 4. $4 \times 50 = 200$ 200 cm = 2 mShe has 2 m of ribbon.
- 5. $48 \div 8 = 6$ It will take him 6 days to finish the fence.
- 6. 288 cm = 2.88 m
 The school entrance is closer to the school office.